for yained to air roll of supposed for yained for yained is grafield 28/182

received and liled this Instrument tog second on the day at May 19, 4, at 25, 44, 40 clock A.M. permanent files of Missoula County, State of Montana

Witness my hand:

Veramae R. Couse, County, Recorder By A.M. Deputy
Fee S. 2000. Paid Ch.

Ņo	~	1, 1	,			ТТ	<i>3N</i> R	19w
LICA	TE		MA WATER RESO		STATE			FSOULZ
_	Top of Groun		ECELY May 16 19		istrator Office of	OF GROUI	NDWATER NGINEER	CODE
ı	(Elev. above s			otice o				undwater
		ted on Lincols			priation ELOPED A			
Ì	0-1	Topsoil and (	Pave i	(Under	Chapter 237,	Montana S	Session Lav	ws, 1961)
1	1-33	Gravet & Clay	OwnerA	<b>O</b> NTANAE	onea.co	Addre		itzy <mark>Montane</mark> 3. 14th W.
1	33-41	Bowlders & Gravel			propriation o		88. <b>M\$ 20</b> .	ula, Montana
-	41-55	Clay & Grave	_	-	_	_		April 30, 19
	5 <b>5-6</b> 5 ±	Clay, Gravel Water	& Type of		Le.d.	Equipm		Chuen_Dei.Li
	65-109 <b>5</b> ,¢"	Gravel. Water	Water use	e: Dom	estic 🔲 M	nicipal 🗑 rainage 🗀	<b>.</b>	k 🔲 Irrigation (
	Ψ.	Sand	met with	ate on the d in drilling,	agram the cl such as soil,	naracter and clay, shale,	d thickness gravel, ro	of the different st ck or sand, etc. S acter of water-bea
1					which the wa		the well.	
ļ			Drilled Hole	Weigh of Cas	t (Feet)	(Feet)	Kind Sist	PERFORATIONS To
			16"	1.D. 16"I 62.5	1	10926"	HILLS	(Feet) (Feet) (Feet) 45° 105
ł				lb p	G.L.		KNIFE 3/8" x	10 hotes to
ı							<b>4</b>	total + 300
ł							<u> </u>	
ŀ			Γ	N		Static Wal <b>Pawdown</b>		for non-flowing
1				<del> </del>	<u>.l</u>	Shut-in Pre	ssure for F	Flowing Well
			w		<u> </u>	at <b>.1.000</b>	lga	el <b>51.15#f.co</b> . l. per minute.
ł			<b> </b> *			Discharge i	in gal. per	min, of flowing
1						How Tested	Test	P.ump
Ì			L	<u>'                                      </u>				cking, cementing, I
			NW1/. 5W	YA 16 T	1 N D/9W	ers, type of	shutoff)	,,
1			Indicate place of	location of use, if poss	well and			ment put in
				luare repr	esents 40			ent plug is
ļ	THE MONTA	MA POWER CON	PA <b>NY</b>				*************	
.	By Wy	/alloT					•	other. Explain,
	V1C	• • • • • • • • • • • • • • • • • • • •	nu	mber of acr	es and locati	on or other	data (i.c.	: Lot, Block and A
Ò	40 E. Bro Butte, Mo	ntana 59701	##+##*********	****************	************************	**************************************	***************************************	***************************************
لــ		RIATOR lepth of bottom.	***************************************	****************	*******************	\$	****************	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	. 40 he	her duillen and there	aanlas da La Att	ad her the	an with the		.(Renes	£.7
		by driller, and three r in the county in wh				Drille	r's License	Number

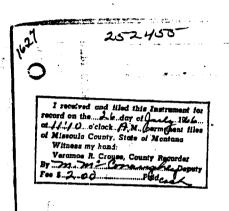
GW 2			Approve	d Stock Form-	State Publishin	Co., Helena, Mor	ntana3931	
File No.	***************************************				T.	13 <sup>N</sup> R	19	,w 11
DUPLIC	SATE				C	onny Mi	RHA	Las
			ADMINIS	STATE TRATOR (	OF MONT		المام	NEIU
	Top of Ground			FFICE OF		1111	B 101	1965 U
	(Elev. above sea level	)	Notice of					
- 1	0 to 21 Sand					ession Laws,		INEEK
<u> </u>	2' to 37' Clayegravel	,	Mussoula			•	•	
			leffee's^Dru				-	
- 1	& boulders		6lean Cass					
- <b> </b>	37' to 47' Small gravel		Notice of Appro					
	& sand-figuries		ll started Got					
- 1	47' to 50' Small gravel,	(dug, c	well <b>brilled</b> . iriven, bored or	*****************	(Churn	, drill, rotary o		11
- I	sand & water	drilled	yse: Domestic	□ Mw	other) nicipal 🔲	Other 🗀	T	rigation 🗍
	61' to 70'-6" Gravel	17 4002	Industrial	7	sinage [	Stock [	4.4.7	uRemon □
	emi i weter		dicate on the d net with in drill					
-		Show do	pth at which w	ater is enco	untered, tl	ickness and o	character	
F	<u> </u>	Dearing	strata and heig	nt to which	water rise	s in the well.		
		Size of Drilled Mole	Size sed Weight of Cooling	From (Feet)	To (Feet)	FER	PORATION	<del>,</del>
_	·	64	6" I.D.	14" abor	e G.L.	Sine	(Foot)	(Foot)
-	•	•	19.97 # to	to 1	11-9"			
			Zoot					
-	•				,			
- 1	N N	Q.	atic Water Level	for now the	wing Wall	32	<del></del>	feet
		7	ut-in Pressure					1664
!		1	mping Water L			t at 25		
-		1	scharge in gal.					
	w	1	w Tested Com		_	th of Test		
			Jospresser d marks: (Grave	rew 75 to	100 0.7	P. M.		
-			tion of	place of u	se of grow	dwater if no	t at we	ll, and any
-			_			ormation, inc	-	
	716 1/171 Sec. 17 T. /3 R/	9	acres 11	rigatea, it	used for ir	rigation)	*************	·*************************************
-	Indicate location of well place of use, if possible, E	and	****************				·····	
-	small square represents 10 ac		*******	****************			************	** }*****************
	Show exact depth of bottom.				Lice	200 # T	************	******************
	Show exact depth of bottom.	4! Kee	ley Addm	. 2.	*******	's License Nu	ımber	!*************************************
			•		(	Plenn	s Ca	uy
					Driller	's Signature		

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

e No	· · · · · · · · · · · · · · · · · · ·		JUL 29 1	966		T.L.	3N A	-17N	•••••
PLIC	ATE	Bille	Mot			Con	ntv	soula	
	LO	Butzer	in fict	fully	STATE C	F MONT	TAWA		
		- Coyla	1500	COLDSRESSEE CO.	ATOD O	P GPAIN	TTY A WITH	CODE	
	Top of Ground	Dicker	ton	OFFI	CE OF 8	STATE E	ngineer ——		
•	(Elev. above sea le	rel	) No	tice of Co	omple	tion d	of Grou	ındwate	er
_ 25	comble gravel	and clay	•	<b>Appropria</b>	ation	by M	eans o	Well	
174	clay and boulds						TUARY 1,		
- 23·		:		(Under Chapte	er 237, M	Iontana S	Session Lav	rs, 1961)	
_	water, course	ARMS NEG &		mercial Ls	asing	///Addre	88 Mi	sseula	·
. ]			DrillerKan	a.Heter.Hell	, Deilli	ng.Addro	:si\$t.,	Regis	
-			Date of Not	ice of appropri	ation of	groundw	ater <b>7/30</b>	/63	
_			Date well st	arted 8/9/65		Date	completed	. <b>8/11/65</b>	4-1 <del>4-14-14-14-14-14-14-14-1</del>
-			Type of we	en, bored or drill	ed)	Equipm (Chur	ent used n drill, rotar	churn v or other)	
-			Water use:	Domestic	☐ Mun	icipal 🔲		k 🔲 Irrig	ation [
-				Industrial	<del>-</del>	inage 🔲	Othe		
-			met with in depth at wh	on the diagram drilling, such a ich water is end neight to which	as soil, cl countered	ay, shale, , thickne	, gravel, ro ss and char	ck or sand,	etc. Sh
-			Size of Drilled	Size and Weight	From (Foot)	To (Feet)		ERPORATION	
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-									
-				N	St	stic Wa	ter Level	for non-fla	wing w
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					81	ut-in Pre	ssure for F	lowing Wel	l <b>æ</b>
- 1								l	
_ [			<b>*</b>	<del>-   -  </del>				. per minut	
-			1 1		Di	scharge	in gal. per	min. of flo	_
-			[		"	an Mantai			
-								eda.pumpe clear	
_	l		Lat 1	Block	_			king, cemen	
-				Addn. #3 4				g, comon	
_				c. 17 T/3/R cation of well	IIW		•		
_			place of us	e, if possible. ] are represents	Each				•••••
			acres.	volvencere		.,		*****************	4
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	ĺ		USE—If us numb	sed for irrigat per of acres and	ion, indu I location	strial, di n or other	rainage or data (i.e.:	other. Exp Lot. Block	olain, st
:	I		tion)						
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450	Show exact depth	of hottom	44047 Jacomsontonovia	************************	**********		***************************************	***************************************	•••••
	m to be prepared by dr Clerk and Recorder in ti	iller, and three				 Drille	23 r's License	Number	
		ne county in wh	men fue Men 12 100	even's minute cobla	70 NE	مر			
ounty ( tained	by driller.	f not applicable	e, so state, other	wise the form w	ill be	66	Geve	If of	رر
unty ( tained	by driller. inswer all questions. I	f not applicable	e, so state, other	wise the form w			Gevel r'Signatu	re y	V ave



GW 2		Approved Stock Form-State Publishage Co., Helens, Montane-48412
File No.	<b>.</b>	MONTANA WATER RESOURCES BOARD  T /3 R /9
DUPLIC		RECEIVED County Musaula
DOPMO	MID	110V 1 1067
	.;	LOG NUV 1 1957 STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE
	Top of Ground	OFFICE OF STATE ENGINEER
<b>-</b>	(Elev. above s	Notice of Completion of Groundwater
-		Appropriation by Means of Well
- 1	0-6 5-21	Rock with red stay DEVELOPED AFTER JANUARY 1, 1982
-	21-35	Water, reck, grave! & (Under Chapter 237, Montana Session Laws, 1961)
-	35-45	Clay A compt
<b>-</b>	43-52	Sand, seen water John R. Dally, Ing Address Misseuls, Montage 1522 5. 14th W.
-	\$2-60 60-69	Gidy a grave Driller Glana Comp Address Missaula, Mantons
<b>-</b>	- Comes	ma a a
-	69-74	Clay & grave! Date of Notice of appropriation of groundwater
$\vdash$	74-80	Gravel, sand a Date well started Cot. 7, 1967 Date completed Onta 21, 1967
_	80-89	Gravet, sand & Type of well Ociliad Equipment used Chara Ocili
 	89-94	(Dug, driven, bored or drilled) (Churn drill, rotary or other)
		4 fifte eff # Industrial □ Drainage □ Other □
		Tudines on the Homes the should not be the state of the Historia state
	94-99	met with in drilling, such as soil, elay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing
Ţ.	99-113	Clay, Soulders strats and height to which the water rises in the well.
	113-115	Ciay, boulders, See of See and From To PERFORATIONS
<b> </b>		No water Hole of Carles (Foot) (Foot) Kind Press To
	118-118	A water Coulders and 1.D. Coul
		23.23 (B)   K = 2N   202 - 202
-		911 1011
<b>-</b>		Total of 77 holes
<del>-</del>		11 rounds of heles
<b> </b>		7 to the round
-	ļ	N Static Water Level for non-flowing well
F		from top of caston
-	<u> </u>	Shut-in Pressure for Flowing Well.
450		Pumping Water Levels Services Conference Servi
<b> </b>	1	
-	l	Discharge in gal. per min. of flowing well
<b> -</b>	ļ	How TestedAir. Come.cossor
-		Length of Test
-	<u> </u>	Remarks: (Gravel packing, cementing, pack-
-	<b>i</b>	KN1/SNASec.1.7. T.1.3. R/4 ers, type of shutoff)
-	1	Indicate location of well and
_	Ĭ	place of use, if possible. Each small square represents 40
<b> </b> _	1	acres.
L		
<u> </u>	Į.	(Continue on reverse side)
_	1	USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addi-
_	i	tion).
	Show areat 4	lepth of bottom.
السيدان	- NEW WARES U	
		License # 7
		by driller, and three copies to be filed by the owner with the rin the county in which the well is located, tissue copy to be Driller's License Number
retained	by driller.	All of the same
Please a		ns. If not applicable, so state, otherwise the form will be Driller's Signature.

42,441

I received and filed this Instrument for record on the Source of Res. 19.6.7.

I was a superior of Res. 19.6

The state of the s

The No	GW 2	- 418	WATER RESOUR	ES BOAN Approved	Stock Form-	-State Publish	ing Co., Helena	, Montana 4364		
Top of Ground  ADDITION OF STATE OF MONTANA  ADMINISTRATOR OF GROUNDWATER CODE  OFFICE OF STATE BRIGHER  Notice of Completion of Groundwater  Appropriation by Means of Well  DEVELOCAD AFTER JANUARY I, 1982  (Under Chapter 237, Montans Session Law, 1981)  Top and Completion of Groundwater  Appropriation by Means of Well  DEVELOCAD AFTER JANUARY I, 1982  (Under Chapter 237, Montans Session Law, 1981)  Owner Don's Narksta Linga Address Missoullas Montans  is and and clay-  in the self-der in the well state of Appropriation of groundwater Mons filed  clay-  Caravel sixed  in the self-der in the well state of Motion of Appropriation of Groundwater Mons filed  clay-  Cobblestones  A besiders  in the deligeration  Cobblestones  A besiders  A besider of the State of Botton  A besiders	File No	RIONTANA	ECEIVI	ED		T 13N R 19W				
Top of Ground Approva-  (Elsv. above as largh2210' Formations Log:  O = 4" Asphalt. 4" - 7' Gravel fill. 7 - 18 Silty sand and gravel. 57 - 41 Tan sandy clappiller. Liberty Drilling Co.Address Missoula, Montana inhedded in clay. 49 - 54 Gravel mixed 51 in tan silt. 54 - 65 Cobbleatones inhedded in clay. 65 - 71 Silty sand and gravel. 71 - 76 Clean coarse sand and gravel. 71 - 76 Clean coarse sand sand sand gravel. 71 - 76 Clean coarse sand and gravel. 71 - 76 Clean coarse sand sand gravel. 72 - 73 Silty sand and gravel. 73 Silty sand and gravel. 74 - 76 Clean coarse sand sand sand gravel. 75 Clean coarse sand sand gravel. 76 Clean coarse sand sand gravel. 77 - 76 Clean coarse sand sand gravel. 78 Silty sand and gravel. 79 Silty sand and gravel. 70 Clean coarse sand sand gravel. 71 - 76 Clean coarse sand sand gravel. 72 - 75 Clean coarse sand sand gravel. 73 Silty sand sand gravel. 74 Silty sand sand gravel. 75 Clean coarse sand sand gravel. 76 Clean coarse sand sand gravel. 77 Silty sand sand gravel. 78 Siltie Water Level for non-flowing will Montal which water in encountered thelenes and character of water-bearing stricts and height to which the water ries in the well.  Siltie Water Level for non-flowing will Montal water from the stricts and beginn the character of water-bearing water bearing the part of the strict of the water free in the well.  Shuthin Pressure for Howden will Montal the strict of the strict	DUPIJCATE	• • •	IAN 24 1968							
Top of Ground Appropriation  (Rier. above sea level 2010)  Formations Log:  Appropriation by Means of Well DEVELOZED APPER JANUARY 1 1988  4 " " Gravel fill.  7 - 18 Slity and and gravel. 18 - 37 Gravy "Jude 14 - 49 Cobblestones inbedded in clay. 49 - 54 Gravel mixed 15 - 66 Cobblestones inbedded in clay.  54 - 66 Cobblestones inbedded in clay.  66 - 71 Slity and and gravel.  71 - 76 Clean coarse gravel.  71 - 76 Clean coarse gravel.  Water rises in the vell  124 60 from surface.  Note the water is meconized, thelenes and character of water-bearing stand and gravel.  Vater,  Notice of Completion of Groundwater  Appropriation by Means of Well DEVELOZED APPER JANUARY 1, 1988  Owner, Don's Markets, Inc. Address Mizzoula, Montana Clay.  Date of Notice of appropriation of groundwater None filed clay.  Date well started 6/21/67.  Date completed 6/21/67.  Date compl		7.00			STATE		•	× <b>444</b>		
Notice of Completion of Groundwater										
Appropriation by Means of Well  DEVELORED AFTER LANGARY 1, 1988  4" - ?* Gravel fill. 7 - 18 Sity and 18 - 77 Cray soud. 57 - 45 Tan sendy claybriller Liberty Drilling Coaddress Missouls, Montans 18 - 77 Cray soud. 57 - 45 Tan sendy claybriller Liberty Drilling Coaddress Missouls, Montans 18 - 77 Cray soud. 57 - 45 Crays dated 18 - 78 Crays and claybriller Liberty Drilling Coaddress Missouls, Montans 18 - 79 Cray soud. 58 Crays dated 19 - 54	1 1 -	Approx3		_			<del></del>			
DEFERCATED AFTER JANUARY 1, 1962  4 ** 7' Gravel fill.  7 - 18 Silty and and gravel.  5 - 37 Cray sand.  57 - 41 Tan sandy claybiller Liberty Drilling Coaddress Missoulas Montana  18 - 37 Cray sand.  50 - 54 Gravel mixed in tan silt.  51 - 66 Cobblestones a boulders inbedded in Date of Notice of appropriation of groundwater Mone filed in tan silt.  52 - 66 Cobblestones a boulders inbedded in Driving Claybiller Liberty Drilling Coaddress Missoulas Montana  19 - 54 Gravel mixed in tan silt.  52 - 66 Cobblestones a boulders inbedded in Driving Claybiller Claum drill retary seeker)  53 - 66 Cobblestones a boulders inbedded in Driving Claybiller Claum drilling Count drill, retary seeker)  54 - 67 Class neares a boulders inbedded in Missoulas Material Driving Claybiller Claybiller (Claybiller)  Type of well Driving Claybiller (Claybiller)  Water use: Dometic [\$ Montcipa] Claybillers of the different strate met with indilling such as soll, day, shals, gravel, rock or sand, etc. Show into driving well within which the water rise in the well.  Water rises in the well  14 - 57 from surface.  Name Type  14 - 57 from surface.  Name Type  15 - 66 Cobblestones  Name Type  16 - 71 Lift Presure for Howing well None-Light for  Name Type  16 - 72 from Surface.  Name Type  18 - 16 Claybiller  Name Type  19 - 16 Gravel Type  Name Type  Name Type  10 Driving well Mone-Light None-Light	(Elev. abo	re see level3210	•		•	_			er	
A	<b>-</b> 1	•	4	Appropri DEVELC	ation RED AT	by M	eans o' Wary 1, :	F Well 19 <b>62</b>		
18 - 37 Gray 3-30.d. 37 - 48 Tan sandy claybrille. Liberty Drilling Co-Address Missoula, Montana 18 - 59 Grays 1 size of Notice of appropriation of groundwater None filed 19 - 54 Grays 1 size of Interest of Police of Appropriation of groundwater None filed 10 clay. 52 - 66 Cobbleatones & Date of Notice of appropriation of groundwater None filed 10 clay aims of Cobbleatones & Date well started 6/21/67. Date completed 5/24/67.  Type of well Private Water use Cobbleatones & Domestic J Municipal Chard of Integration of Chard o	44- 7	Gravel fill.		(Under Chap	ter 237, 1	Montana 8	Session Lav	va, 1961)		
Tan sandy claybriller. States of collections inbedded in clay.  49 - 54 Gravel sixed in tan site. 54 - 66 Cobblestones & boulders inbedded in Clay. 66 - 71 Silty sand and gravel. 71 - 76 Clean coarse sand and gravel. 71 - 76 Clean coarse sand and gravel. 72 - 76 Clean coarse sand begin to which the vater is encountered, thickness and character of water-bearing strate and height to which the vater rises in the well.  84 - 67 from surface.  No Static Water Level for non-flowing well state and begin to which the vater rise in the well.  85 - 66 Cobblestones & Draw of the different strate and strate and strate which water is encountered, thickness and character of water-bearing strate and height to which the vater rise in the well.  85 - 76 State Water Level for non-flowing well strate and begin to which the vater rise in the well.  85 - 76 State Water Level for non-flowing well state of the different strate and begin to which the vater rise in the well.  85 - 76 State Water Level for non-flowing well state of the different strate water rises in the well.  85 - 76 State Water Level for non-flowing well state of the state o		and gravel.	Owner Don	's Marke	t, Inc	nAddr	na.Miaac	ulaMo	ntana	
Cobblectones   Inducted of appropriation of groundwater None filed   Clay-	1 7	Gray sand.	Driller Lib	erty Dri	lling	Co.Addr	Misso	ula, Ho	ntana	
Date well started 6/21/67 Date completed 6/21/67 in tan silt.  54 - 66 Cobblestones boulders in the started bounders inhedded in clay.  66 - 71 Silty and and gravel.  71 - 76 Clean coarse sand and gravel.  72 - 76 Clean coarse sand and gravel.  Water served by the started bounder of dilled by the started and believe of the different tribute of the started and believe of the different tribute of the started and believe of the different tribute of the started and believe of the different tribute of the started and believe of the different tribute of the started and believe of the different tribute of the started and believe of the different tribute of the started and believe of the different tribute of the started and believe the started of the different tribute of the different tribute of the started of the different tribute of the differen	[	9 Cobblemtones								
Date well started. Date completed. \$\frac{\text{N.A.P.Y.}}{24.60}\$  In a silt.  54 - 66 Cobblestones & boulders imbedded in clay.  66 - 71 Silty sand and gravel.  71 - 76 Clean coarse sand and gravel.  71 - 76 Clean coarse sand and gravel.  72 - 76 Clean coarse sand and gravel.  73 - 76 Clean coarse sand and gravel.  74 - 76 Clean coarse sand and gravel.  75 - 76 Clean coarse sand and gravel.  76 Clean coarse sand and gravel.  77 - 76 Clean coarse sand and gravel.  78 - 78 Clean coarse sand and gravel.  80									************	
She coulders imbedded in clay.  66 - 71 Silty sand and gravel.  71 - 76 Clean coarse sand and gravel.  71 - 76 Clean coarse sand and gravel.  Water use: Domeste [ Municipal   Stock   Irrigation   Industrial   Draining   Other   Ot	49 - 5		Date well sta	rted 6/21	/67	Date	completed	6/21/67	×	
imbedded in clay.  66 - 71 Silty sand and gravel. 71 - 76 Clean coarse sand and gravel. Water use: Domestic   Municipal   Stock   Irrigation   Industrial   Drainage   Other   State   Transparent   T	L 1		Type of well	Drive	a	Kowine	ent used.W	ell Dri	ving ri	
Industrial Drainage Other 3  66 - 71 Silty sand and gravel. 71 - 76 Clean coarse sand and gravel. Water.  Water rises in the well 14.6" from surface.  N Static Water Level for non-flowing well 14.65" from surface.  N Static Water Level for non-flowing well 14.65" from surface.  N Static Water Level for non-flowing well 14.65" from surface.  N Static Water Level for non-flowing well 14.65" foot.  Shut-in Pressure for Flowing Well-Manes.  Pumping Water Level for non-flowing well 14.65" foot.  Shut-in Pressure for Flowing Well-Manes.  Pumping Water Level for non-flowing well 14.65" foot.  Shut-in Pressure for Flowing Well-Manes.  Pumping Water Level for non-flowing well 14.65" foot.  Shut-in Pressure for Flowing Well-Manes.  Pumping Water Level for non-flowing well 14.65" foot.  Shut-in Pressure for Flowing Well-Manes.  Pumping Water Level for non-flowing well 14.65" foot.  Shut-in Pressure for Flowing Well-Manes.  Pumping Water Level for non-flowing well 14.65" foot.  Shut-in Pressure for Flowing Well-Manes.  Pumping Water Level for non-flowing well 14.65" foot.  Shut-in Pressure for Flowing Well-Manes.  Pumping Water Level for non-flowing well 14.65" foot.  Shut-in Pressure for Flowing Well-Manes.  Pumping Water Level for non-flowing well 14.65" foot.  Shut-in Pressure for Flowing Well-Manes.  Remarks: (Gravel peaking, cementing, peaking and and all water wat										
Indicate on the diagram the character and thickness of the different strata and gravel.  71 - 76 Clean coarse sand and gravel.  72 - 76 Clean coarse sand and gravel.  8			Water use:						rigation 🔲	
This forms to be prepared by driller, and three copies to be filed by the owner with the county of t	66 - 7		Indicate		_			_	rent streta	
sand and gravel.  **State and height to which the water rises in the well.  **State of Coding Weight Prior of Code of		and grayel.	met with in	drilling, such	as soil, c	lay, shale,	gravel, ro	ck or sand,	etc. Show	
Water rises in the well  14.6" from surface.  N  Static Water Level for non-flowing well  14.6" from surface.  N  Static Water Level for non-flowing well  14.6" from surface.  N  Static Water Level for non-flowing well  14.6" from surface.  N  Static Water Level for non-flowing well  14.6" from surface.  N  Static Water Level for non-flowing well  14.6" from surface.  N  Static Water Level for non-flowing well  14.6" from surface.  N  Static Water Level for non-flowing well  14.6" from surface.  Shut-in Pressure for I lowing Well Mon-flowing well  Non-flowing well	71 - 7									
Water rises in the well    Mater rises in the well in feet   Mater rises in the water well in feet   Mater rises in the water well in feet   Mater rises in the water water rises in the water water rises in the water water rises in the same of the rises in the water water rises in the water water rises in the water water rises in the feet   Mater rises in the		gravel.						77 HOR A TROP!	•	
Water rises in the well 14'6" from surface.    Static Water Level for non-flowing well   14'6" from surface.    Static Water Level for non-flowing well   14'6" from surface.    Static Water Level for non-flowing well   14'6" foot.   Shut-in Pressure for Flowing Well-Man-2.   Pumping Water Level. 54 feet at 50 gal per minute.   Discharge in		Vator.			(Feet)	(Post)	Kind	Free		
Water rises in the well 14.6" from surface.  N Static Water Level for non-flowing well 14.65. feet. Shut-in Pressure for Flowing Well Mange f. Pumping Water Level. 54 feet at 50 gal per minute. Discharge in gal. per min of flowing well Mone-Llowing. How Tested Air Lift Rump Length of Test. 51x hrs. Remarks: (Gravel packing, cementing, packers) in the series of casing is perforated and place of use, if possible. Each small square represents 40 acres. area can be depended in the county in which the compty Clerk and flower they.  Show exact depth of bottom.  Bottom of hole 76.  This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be  Driller's Licerse Number			611	6 x/8#	ĺ	1	Sino	(Feet)	(Feet)	
Static Water Level for non-flowing well  14:6" from surface.  N  Static Water Level for non-flowing well  14:6" feet  Shutin Pressure for Flowing Well MOR-2.  Discharge in gal. per min. of flowing well  MOR-2.  NOTE: The MOR Two  Shutin Pressure for Flowing Well MOR-2.  Bett 60	-   V=+==	misan in the mai	•		0	76	Torch			
Shut-in Pressure for Flowing Well. Mon-f.  Pumping Water Level							Cut	72	75	
Shut-in Pressure for Flowing Well. Mon-f.  Pumping Water Level			•			1				
Shut-in Pressure for Flowing Well. Mon-f.  Pumping Water Level	<u> </u>						1			
Shut-in Pressure for Flowing Well. Mon-2.  Pumping Water Level			<u> </u>							
Shut-in Pressure for Flowing Well. Mon-f. feet    Pumping Water Level			<del></del>	<del>-, -</del>	s	tatic Wa	ter Level			
Pumping Water Level						hut in Pas	amma for E			
Lots 1 & 2, part lots 47 & 48, Block 12.  McCormick Addition Number Two  SE/SE Sec. 17. TISM MAY.  Indicate location of well and place of use, if possible. Each small square represents 40 acres.  area can be depended upon to produce clear sand free water year after year as 15mg as they are mumber of acres and location or other data (i.e.: Lot, Block and Addition).  Show exact depth of bottom.  Bottom of hole 76*  This form te be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be  Driller's Licerse Number										
Discharge in gal. per min. of flowing well  Nom-flowing  How Tested Air Lift Pump  Length of Test. Six hrs.  Remarks: (Gravel packing, cementing, pack-  set of casing is perforated  and place of use, if possible. Each small square represents 40  acres.  area can be depended upon to produce clear sand  free water year after year at 19ng as they are  number of acres and location or other data (i.e.: Lot, Block and Addition).  Show exact depth of bottom.  Bottom of hole 76°  This form te be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be  Driller's Licerse Number					_J. ⁻					
Lots 1 2 2, part lots 47 2 48, * Block 12 8  McCormick Addition Number Two  EE'/AE Sec. 17. TI3N HayM.  Indicate location of well and place of use, if possible. Each small square represents 40 acres.  area can be depended upon to produce clear sand free water year after year as long as they are number of acres and location or other data (i.e.: Lot, Block and Addition).  Show exact depth of bottom.  Bottom of hole 76*  This form te be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be a second control of the county in which the well is located, tissue copy to be a second control of the county in which the well is located, tissue copy to be a second control of the county in which the well is located, tissue copy to be a control of the county in which the well is located, tissue copy to be a control of the county in which the well is located, tissue copy to be a control of the county in which the well is located, tissue copy to be a control of the county in which the well is located, tissue copy to be a control of the county in which the well is located, tissue copy to be a control of the county in which the well is located, tissue copy to be a control of the county in which the well is located, tissue copy to be a control of the county in which the well is located, tissue copy to be a control of the county in which the well is located, tissue copy to be a control of the county in which the well is located, tissue copy to be a control of the county in which the well is located, tissue copy to be a control of the county in which the well is located.			"		<b>¬</b> ⁻ ո		-	- •		
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small square represents 40 acres.  area can be depended upon to produce clear sand free water year after year as long as they are mot overpumped, i.e., they (Continue on reverse side) USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).  Show exact depth of bottom.  Bottom of hole 76*  This form te be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be  Driller's License Number	- <b> </b>				and a	nd-all	water	wnterix	Rsua	
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Bottom of hole 76°  This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be  Driller's License Number	Show ex	act depth of bottom.	**************	***************************************		***********	**********************	**************		
This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be  Driller's License Number			•••••••••••	***************************************		······································	······································	~ ~~~~~		
County Clark and Recorder in the county in which the well is located, tissue copy to be  Driller's License Number		•	minu és ha ditad t	w the sum	(4h 4h-	**********	<u></u> 50	******		
retained by driller.	County Clerk and Rec					Drille				
	retained by driller.		٠	:		1 14	n (h	Kinha		

Driller's Signature.

received and filed this Instrument for d on the 2 day of formula 19.68.

at 10.05.0 clock 17. M. permanent files of Missoula County, State of Montana.

Witness my hand:

Veramae R. Crouse, County Recorder

By 10.00 paper.

Deputy

Fee \$2.00. 1700 Marcher Trop NOW HELT AL SON STATE TO THE OF THE PROPERTY OF ME' BIOCK IS. than 25 to 50 percent of the tested Ander delivered consistent and sold and deliver and and a large delivery of the sold and the sol BUSINESSELV MESSE OPETCH OF STAME THEORYGUE shong spuitgoner, notificaq by 620. a galiered for miss negation of the second All . The learned wolf Little in thank. 

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MONTANA WATER RESOURCES COLLED

T 13N

DUPLICATE

RECEIVED

County Missoula

LOG

STATE OF MONTANA MAR 13 1969 ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

Top of Ground Approx. (Elev. above sea level 3300. Formations Log: 4 Top sandy soil. 12 Cobblestones

clay. 12 - 55 Some gravel

& boulders

mixed in tan

imbedded in tan sandy clay.

Fine sand & gravel.

81 Clean coarse gravel.

Water.

Notice of Completion of Groundwater Appropriation by Means of Well DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Larry K. & Owner Carol J. Israel Address Missoula, Montana

Driller Liberty Drilling Co. Address Missoula, Montana

Date of Notice of appropriation of groundwater. None filed

Date well started 5/12/65... .Date completed 5/13/65...

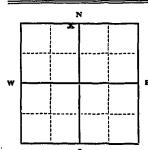
Type of well **Drilled**(Dug, Driven, bored or drilled) Equipment used...Cable...Tools. (Churn drill, rotary or other) Water use: Domestic 🛅 Municipal 🔲

Stock | Irrigation | Industrial 🛣 Drainage 🔲 Other [

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravei, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled	Size and Weight	From . (Feet)	To (Fset)	P	ERFORATION	В
Hole	of Casing			Kind Size	From (Feet)	To (Feet
6=	6 5/8" OD x 14"				•	
	OD × 1/4"	0	81	N	ONE	
		!	1	,		
		1	1 1			

Water rises in the well 31 feet from surface.



Static Water Level for non-flowing well

.....feet. Shut-in Pressure for Flowing Welkon-2.... at +100 gal. per minute.

Discharge in gal. per min. of flowing well

·Non-flowing How Tested ...... Air Dift Pusp ... Length of Test....Two...hours...

Remarks: (Gravel packing, cementing, pack-Sec. 8, M/2 Sec. 17

Admiras: (Gravel packing, cementing, packing)

138 199 ers, type of shutoff) All water entering well is coming through the lindicate location of well and open-bottom of six inch daring place of use, if possible. Each wells in this area can be desirally square represents 40 pended upon to produce clear sers.

year if not overpumped, i.e., they should be pumped at rates not in excess of 50 to 75 percent of tested capacity of aquifer. (Continue on reverse side)

USE—If used for injection industrial darks and the continue on reverse side) 5½ Sec. 8, 1½ Sec. 17

-If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addi-

Block 2. Reely Addition #2

Show exact depth of bottem.

Bottom of well 81.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be

Please answer all questions. If not applicable, so state, otherwise the form will be

52

Driller's License Number

Driller's Signature

45,059

Treceived and filed this instrument for record on the 10 days of Marin 14 69 of 155 o'clock. A.M. perman (the of Missoule County, State of Montes Witness my head;

Verman R. Crouse County, Recorder Deptity Fee S. A. O. Pald Cook

• ;	Approved Stock Form—State Publishing Co., Helena, Montana—42234
No	T /3 N. R 19 W
PLICATE	County Missoula.
	STATE OF MONTANA  ADMINISTRATOR OF GROUNDWATER CODE  OFFICE OF STATE ENGINEER  JAN 3 1963
	Declaration of Vested Groundwater Rights E ENGINEER (Under Chapter 237, Montana Session Laws, 1961)
DAVID J.	eme of Appropriator) (Address) (Town)
county of	State of JOATHY groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:
	Nozwell used to irrighte unrus of
	appropriation CALILAS FILES ossible. Each
***************************************	ter table. 27 for Nos 142; 29 for No3.
So far as it may works for the w	by be available, the type, size and depth of each well or the general specifications of any other than the general specification of the general spe

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record...

Signature of Owner. Date..

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator. 20331 Copy

Copy

Coment for 1962

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Component f

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101-2 mont 20 , 40 2 2 month 62.

#### STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE MONTANA WATER RESOURCES BOARD

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the ewner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

#### DRILLER'S LOG

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL APR 3 0 1971

Indicate the character, color, thick-CEIVE mess of streta such as soll, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Developed after January 1, 1962

•	Top of	Ground	Approx. 3180*
ľ	From (Feet)	To (Feet)	)
ŀ	(FEE)	2	L. own sand
1			ے سے بہرت سے میں منہ میں بات سے سات ان کار جہ ان ان کی انت ان
ľ	- 8	11	CLVAST WNG CORPTERIONS
			impagged in can sile
ŀ	11	29	Tah dlay and gravel
ŀ	29	45	Sand and gravel im-
ľ			Dedded In tan Elle
1	45	54	Silty sand. Some
-	54	58	silty water Tan clay and gravel
ŀ		-24-	Tan Clay and graves
İ	58	63	Silty sand and gravel
- [		1	
1	63	67	Tan clay and gravel
ŀ	67	76	Silty sand and gravel
ŀ			
	76	77	Tan silty clay
ļ	77	83	Fine silty sand and
ŀ	77		gravel. Silty water.
ł			Formations too fine
- 1			to successfully
			develop well
ſ	83	86	Clean Coarso gravel
}			Mater.
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Please answer all questions. If not applicable, so state, otherwise the form may be returned. Floyd and Owner Ruth L. Mauth For Administrator's Use Address 1925 River Road File 302005 rie 28,1971 Missoula, Montana 3:30 PM Date well started \$/5/71 completed 4/6/71 Type of well Drilled

Equipment used Cable tools (Churn drill, rotary or other) Water Use: Domestic ☐ Municipal ☐ Stock ☐

Industrial 🖪 Drainage 🗌 Other 🗀\* Garden/Lawn 🖸 \*Describe ..... USE: If used for irrigation, industrial, drainage or other. Explain,

state number of acres and location or other data (i.e. Lot, Block and Addition). Lot 8 Block 2 Reely Addition

ESTIMATED ANNUAL WITHDRAWAL 52,560,000 gallons

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	(Feet)		PERFOR	ATIONS	
21010	u cais		[	Kind Size	Pro (Fe	pen (et)	To (Fost)
6"	5 5/8" OD × %		86	N	0	N	E
						}	
	N	·	Static	water la	<u>)</u>	<u></u>	5 4

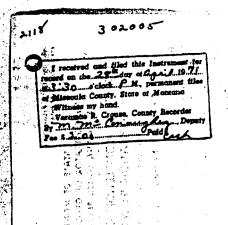
					- · · · · · · · · · · · · · · · · · · ·
	1 1	- 1	1		Static water level
	1 1	- )	1	1	Static water level
			at 100 callons per minute		
			7-5-7-0		manager of the standard of the
	( )	- 1	į	ĺ	measured
w		l l	į	1 _	began, nours
7					*Measured from ground level.
	1	- 1	i	i i	Well developed by Air Lift
	1	- 1		1	for
	] <del> </del>	<u> </u>			Power Diesel Pump 150 HF
	1 1	J	;	ı	
	l i	1		- 1	Remarks: (Gravel packing, compating)
	<u> </u>		<del></del>		packers, type of shutoff) A11
	r.01 :-	#	5 451£	Sec 17	Remarks: (Gravel packing, comenting packers, type of shutoff)
				SAC T	through open bottom
			4 Sec		
	T <b>J. 3</b> XV.	N	R. 121	<i>{</i> E	of six inch casing.
		5		$\overline{\mathbf{w}}$	Wells in this area
				•••	cont
INI	DICATE	LOCAT	ION OF	WELL AN	ID PLACE OF USE, IF POSSIBLE.
- 4	CU C114	111 601	IARE DE	BOTCELITC	40 ACDEC

THE PRILLING GONPANY Driller's Signature .

Driller's Address ... 2500 Reserve

LICENSE NO. 52 Missoula, Montana

86 ft. Show exact depth of bottom Water rises in well 35 feet from surface.



)

can be depended upon to produce clear sand free water year aft year as long as they are not overpumped, 1.e., they should be pumped at rates not in excess of 50 to 40 percent of the teste capacity of the aquifer.

Msla DUPLICATE County STATE OF MONTANA DEPOSITE OF ADMINISTRATOR OF GROUNDWATER CODE OF STATE ENGINEER Top of Ground Notice of Completion of Groundwater (Elev. above sea level Appropriation by Means of Well GINEER (Under Chapter 237, Montana Session Laws, 1961) O to 3' Sandy Clay 3' to 19' Gravel, clay & Owner Hary Hoheland Address Millen Road DrillerGlann Camp 705 Alder Address Missouls, Mont to 25' Gravel, sand Date of Notice of Appropriation of Groundwater ..... to 39' Clay & gravel Date well started Dac 29,1964 Date Completed Duc 31,1964 to 58' Sand, gravel Type of well..Drillad... Equipment UsedChwan Arall (dug, driven, bored or drilled) (Churn, drill, rotary or other) to 60' Gravel & water Water Use: Domestic Municipal [ Other [ Irrigation [] Drainage 🔲 Stock [ Tel Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well. PERPORATIONS S"I.D. l' above G.L. to 61 18.97# to ft Shut-in Pressure for Flowing Well..... Pumping Water Level......29........feet at......15.....gal. per minute. Discharge in gal. per min. of flowing well..... How Tested Test Pump Length of Test 1/2 hr Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)..... .¼.... Sec./7... T./3. B./9. Indicate location of well and place of use, if possible. Each small square represents 10 acres. Show exact depth of bottom, Licence # 7 Driller's License Number lenn Driller's Signature This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

7 m

I received and filed this Instrument for record on the day of Jan 1965 at 1.1.15 octock f. M. permanent files of Minecula County, State of Montana Witness my lend:

Varance R. Grouse, County Secondar B7 71. The 
totavabate of a modeling of the establishment to establish

CANICE OF ESTER SUCCESSORY COST TOURINGS OF CHOICE OF CHOICE TAKE

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## STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

## DECEIVED

### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

(Name of Appropriator)	of US 10 6 93 West Missoule (Address) (Town)
tounty of Missoula	State of Hontane
ave appropriated groundwater accows:	cording to the Montana laws in effect prior to January 1, 1962, as fol
×	2. The beneficial use on which the claim is based
	3. Date or approximate date of earliest beneficial use; and how con
	tinuous the use has been Vell I Continuous Since 1947
	Well #2 Continuous Since 1959
<del></del>	4. The amount of groundwater claimed (in miner's inches or gallon
	per minute) Well #1 20 Gellons For Minute Vell #2 25 Gellons For Minute
•	<ol> <li>If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owne thereof Mot Applicable</li> </ol>
4 Sec/7 R	
place of use, if possible.	6. The means of withdrawing such water from the ground and th
n-small-square represents 10	location of each well or other means of withdrawal
Manitoba Addition	Vol1 /2 Turbine Pump
The date of commencement and co irawal of groundwater	mpletion of the construction of the well, wells, or other works for with Commerced 1947 Completed 1947
	mpletion of the construction of the well, wells, or other works for with Commenced 1947 Completed 1947 Commenced 1959 Completed 1959
The depth of water table . Estima	ited at 43° for both walls
The depth of water table . Estima	ited at 43° for both walls
The depth of water table tables to so far as it may be available, the tother works for the withdrawal of tables to the works for the withdrawal of tables	ted at 43° for both walls  Type, size and depth of each well or the general specifications of an groundwater  - Drilled 95° 6°
The depth of water table tables to so far as it may be available, the tother works for the withdrawal of tables to the works for the withdrawal of tables	ype, size and depth of each well or the general specifications of an groundwater  - Brilled 95' 6'
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The depth of water table tables to far as it may be available, the tother works for the withdrawal of Casing  Visit #2 - 5" Casing	ype, size and depth of each well or the general specifications of an groundwater — Drilled 95° 6° — — Prilled 95° 6° — — Prilled 95° 6° — — Prilled 95° 6° — — — — — — — — — — — — — — — — — —
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Flease answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

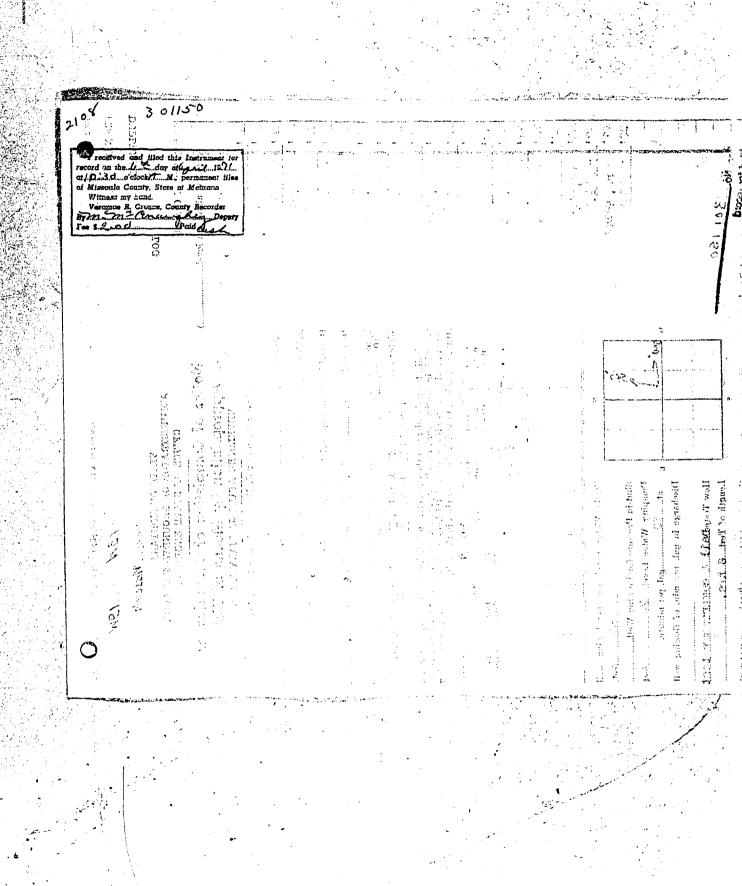
.

This form to be prepared by driller, and three copies to be flied by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

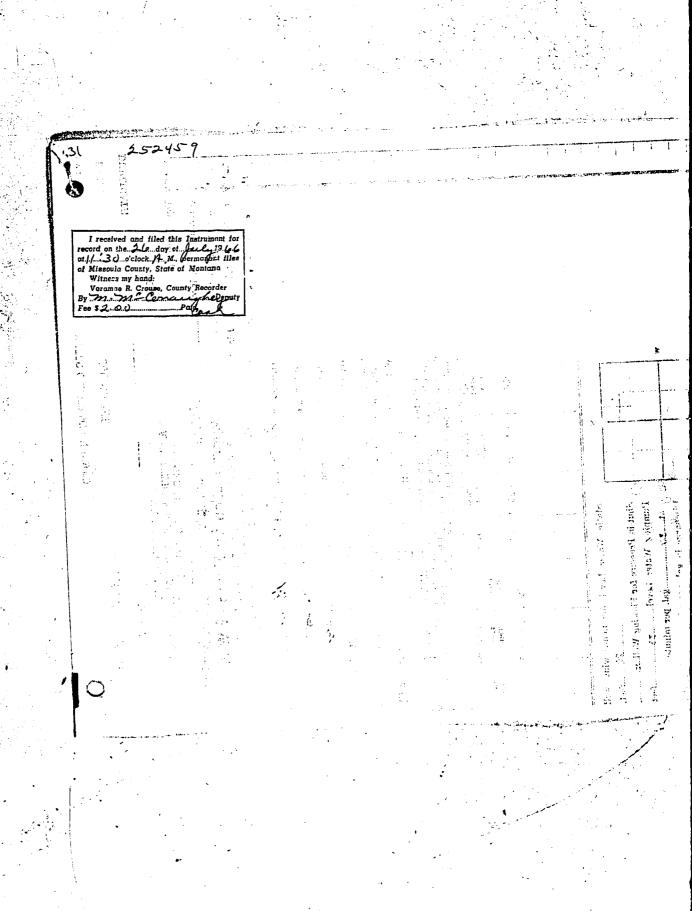
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number

Driller's Signature



File No.	Bille	JUL 29 1966 McDermott	Stock Form—State Publishing Co., Helena, Montana—42329  T. 13 N R. 19 W
DUPLIO	ATE Butzerin	McNelty	County Missoula
	LOG Dartintor	MortonSullivanS	STATE OF MONTANA ATOR OF GROUNDWATER CODE
	Top of Ground	OFFI(	ATOR OF GROUNDWATER CODE DE OF STATE ENGINEER
	(Elev. above sea level	) Notice of Co	empletion of Groundwater
_21"	cobble gravel and sand	a Appropria	ition by Means of Well
16'7	cobble gravel and bould	lers DEVELOP	ED AFTER JANUARY 1, 1962
_30*	pea gravel a sand and w		er 237, Montana Session Laws, 1961)
			REEly Address Missoula
_			rillingAddressSt., Regis
-			tion of groundwater7/30/65
-		Date well started	Date completed 8/14/65
		Type of well arilled	Equipment used churn d) (Churn drill, rotary or other)
-		Water use: Domestic Industrial	] Municipal ☐ Stock ☐ Irrigation ☐
-		Indicate on the diagram	the character and thickness of the assessment of
-			s sou, clay, shale, gravel, rock or sand, etc. Sho
_	•	Size of Size and	From To
_		Drilled Weight Hole of Casing	(Feet) PERFORATIONS  Kind From To
-		6"id 6"id 19#	Size (Feet) (Feet)
_			does not apply
_			
-		N	Static Water Level for non-flowing wel
_			<b>29</b> feet
-			Shut-in Pressure for Flowing Well. Pumping Water Level
-		w	gal. per minute.
-			Discharge in gal. per min. of flowing wel
_			How Tested bailedand purped
-		Lot 4 Block 6	Length of Testt11 clear
- 1		REELY Addw. #4 NW/NEYSec. L.7. T/3NR/9	Remarks: (Gravel packing, cementing, pack
<u> </u>		Indicate location of well an	nd
_ [		small square represents 4 acres.	10
-		***************************************	
_	\ .	USE—If used for irrigation	(Continue on reverse side), industrial, drainage or other. Explain, state
_	. "	number of acres and lo	cation or other data (i.e.: Lot, Block and Addi-
-		4144005540,14052,1,10404411904411904444444	***************************************
67	Show exact depth of bottom.		***************************************
s form to inty Cleri lined by	k and Recorder in the county in whi	copies to be flied by the owner with the	e Driller's License Number
		, so state, otherwise the form will b	Drillers Signature



-GW 2	. <b>'</b> -	TATE WATER CONSERVAT	ION: HIPARDStock For	m-State Publishing Co. Welens	Manage 2000
File No.	S	JUL 29 1966	(011)	T /3N-R-	• • • • • • • • • • • • • • • • • • • •
DUPLIC	ATE		ott		•
	roa	Butzerin McNulty.	STATE	County	
	Top of Ground	Coyle Mortong Dariinton Sullivan	DMINISTRATOR	OF GROUNDWATER	CODE
- 1	(Elev. above sea level	Dickert	OFFICE OF	STATE ENGINEER	_
40 4		) IAOIIC	e of Compl	etion of Grou	ndwater
28 4	gravel, said and o said, gravel, and	ay with boulders A	DEVELOPED A	by Means of FIER JANUARY 1, 1	Well
	, ,,			Montana Session Law	
-					
		- Kene il	ata - 11 n	Address Misson	<b></b>
_				LiegAddress Sin Re	
-				groundwater 3/	
-		Date well starte	a. 3/22/66	Date completed	3/35/66
-		Type of well	drilled	Equipment used	1411 due
		Water use:	Domestic Mu		or other)
			Industrial 🔲 Dr	ainage 🔲 Other	
-				aracter and thickness of clay, shale, gravel, rock	
-				d, thickness and character rises in the well.	ter of water-bearing
- 1		Size of Drilled	Size and From Weight (Feet)	(Feet) PEI	RFORATIONS
-			of Casing	Kind Size	From To (Feet)
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-		ж	St	atic Water Level for	non-flowing well
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		w		atgal. p	er minute.
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				ow Tested balled o	
			Tree	ngth of Test.	m. p.mapas.
		Lot 3 BIN	veks N. 44 Re	marks: (Gravel packin	g, cementing, pack-
<b> </b>		Indicate location	of well and	s, type of shutoff)	************************
- 1		place of use, if t	cossible. Each represents 40	************************************	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
-		acres.		***************************************	***************************************
		2700127440000000000000000000000000000000		·····	
		USE—If used fo	r irrigation, indus	trial, drainage or oth	
-		number of tion).	acres and location	or other data (i.e.: Lo	t, Block and Addi-
- <u> </u>		4=44,0000000000000000000000000000000000	********************************		***************************************
-68	Show exact depth of botto	**************************************	*************************	***************************************	*************************
		p+************************************	********************************	***************************************	
his form to county Cleri	be prepared by driller, and k and Recorder in the county	three copies to be filed by the in which the well is located, ti	owner with the	Driller's License Nur	**************************************
ctamou by	armer.				
lease answ eturned.	er all questions. If not app	licable, so state, otherwise th	e form will be	Driller's Agnature	1. Fane

I received and filed this Instrument for record on the LL. day of July 1966.

at Missoula County, State of Montana
Winess my hand:
Veramae R. Crouse, County Recorder
By M. M. Carracage Deputy
Fee \$ 2.00.

Here they designed the definition of definition of the designed to the designe

	UU MAY 80 1884 County
DUPLICATE (A ADMIN	STATE OF MONTANA STEATDE OF IGEOUNDWATER CODE DE CERTAIN
'0	OFFICE OF STATE ENGINEER
Declaration	of Vested Groundwater Rights ATE ENGLY Chapter 237, Montana Session Laws, 1961)
(Under (	Chapter 237, Montana Session Laws, 1961)
1. Vernon Saulter	of 2030 River Road Missoula
(Name of Appropriator	r) (Address) (Town) State of Montana
have appropriated groundwater accor	ding to the Montana laws in effect prior to January 1, 1962, as follows:
Ж	o mil
	<ol> <li>The beneficial use on which the claim is based. For irrigating and used in several houses.</li> </ol>
<b>        </b>	3. Date or approximate data of earliest beneficial use; and how continu-
	on the use has since 1896 continuouse in household
,	use and in later years since 1948 to
	4. The amount of groundwater claimed (in miner's inches or gallons per minute)attimesupto40gallonsa_minute
*	5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
10.425 Bec 17 T. 13 R. 19	It ha s been used on approximately 3 acres plus several houses
Indicate point of appropriation	3. (b) (7) (7) (1) (4) (4) (7) (4) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7
and place of use, if possible. Each	6. The means of withdrawing such water from the ground and the loca-
mall square represents 10 acres.	tion of each well or other means of withdrawal12horsapowe
	electric motors to run pump on property des
	ompletion of the construction of the well, wells, or other works for with earliest date of well is 1896, and remodled in 19
•••••••••••••••••••••••••••••••••••••••	
8. The depth of water tableatt	imes approximately 14 feet
9. So far as it may be available, the	type, size and depth of each well or the general specifications of any other
9. So far as it may be available, the works for the withdrawal of ground	type, size and depth of each well or the general specifications of any other water well is made of finch casing steel pipe.
9. So far as it may be available, the works for the withdrawal of ground —feet—deep.	type, size and depth of each well or the general specifications of any other water well is made of 6 inch casing steel pipe. 5
9. So far as it may be available, the works for the withdrawal of ground feet deep.	type, size and depth of each well or the general specifications of any other water well is made of 6 inch casing steel pipe. 5
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9. So far as it may be available, the works for the withdrawal of ground feet deep.  10. The estimated amount of groundwards.	type, size and depth of each well or the general specifications of any other water well is made of 6 inch casing steel pipe. 5
9. So far as it may be available, the works for the withdrawal of ground feet deep.  10. The estimated amount of groundwall. The log of formations encountered in the second sec	type, size and depth of each well or the general specifications of any other water well is made of 6 inch casing steel pipe. 5 ter withdrawn each year 500,000 gallons in the drilling of each well if available gravel and rocks
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9. So far as it may be available, the works for the withdrawal of ground feet deep.  10. The estimated amount of groundwall. The log of formations encountered in the state of	type, size and depth of each well or the general specifications of any other water well is made of a inch casing steel pipe. 5  ter withdrawn each year 500,000 gallons in the drilling of each well if available gravel and rocks  r nature as may be useful in carrying out the policy of this act, including county record L have none that I know of
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I received and files this instrument for record on the Songry of Live 1963 at 155 of clock. M., permanent files of Missoula County, State of Montana Witness my hasd:

MARTIN S. BEHNER, County Regular By 1964.

Fee S. C. C. Peld

DRILLER'S LOG

# - STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE MONTANA WATER RESOURCES BOARD

### NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

		MONTA	INA WATE	R RESOU	RCES BOAI	ODE	`\	د. <sub>نر</sub>	Indica:	te the character, color, thick- of strata such as soil, clay, sand.	
	NOTI A	PPROPRI	MUIDN	BA WE	F GROUP ANS OF y 1, 1962	WELL VDWATE	A Comment	TO MA	gravel depth height	te the character, color, thick- of strata such as soil, clay, sand, i, shale, sandstone, etc. Show at which water is found and to which water rises in well.	
(Un	nder C	-			Laws, 1961			Top of			
ihis by th	form t	- to be prep ter with th	e County	iriller, an	d three co	pies to be in the cour	Ellad	Prom (Feet)	To (Feet)	(Elev, above sea level)	=
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				Marly	. R. Son	meen		.10	_12_	Gravel & Gobbleston	<b>!L</b> .
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				,	ile255.			_15	_24.	grave L & Sand	
	B	ia.RRM.la.	Mont.	59801	Gune 2	9,1973		_24	_32	Send_Poetri	
Date	well s	started ARE	<u>: [ ] 19</u>	1973	SW 1 <i>LQ</i>	20 A.M	<u>/</u>	_29	_57_	Grave L & Sand	
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					drainage or						
	STATE	number or	acres and	location	or other da	ta (i.e. Lot,	Block				
	and A	Addition)		•••••••		•	******	<b> </b>			,
ESTIA	MATED	ANNUAL	WITHDRAV	VAL		************					
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				CA	alle				<del> </del>		
Drille	er's Siç	gnature	MP WE	L di		UMP SUF	_	,			
Drille	er's Ac	dress	1522 9.	742h #	7. Miss	oula, Mo	ntana 59	407	Ц	<del> </del>	<u> </u>

LICENSE NO.

Show exact depth of bottom

I received and filed this Instrument for record on the address of Missoula County, State of Montana Witness my hand:

Dorethy L. Head, County Recorder

By Canada Paluty

Fee Same Paluty

GW 3	~ . ·		Approved 5	itock Form-S		Co., Helena, Me		
File No.	CATE		ADMINIST	STATE	C OF MONT	AND E	BEIN	isla E
	Top of Ground		OF.	fice of	state ed	(GIMEERM)	AR 2 - 1	965-127
-	(Elev. above sea level)	N	lotice of (	Comple	etion o	- F Groun	stewbe	MICED
	•		Approp	riation	by Me	aus 9t7	Well	INCER
	•		(Under Cha	pter 237,	Montana S	ssion Laws,	1961)	
		Owner G	orga f.Stel	lnbrenne	searcht Z	Recly A	ddl 44 can	
-	0 to 64 Sandy Clay							
-	6° to 20° Tight clay	Driller	LennCump?	/05Alde	gAddress	Missoule	<sub>r</sub> Henten	<b>*</b>
-	& gravel		lotice of Approp					
<b> </b> -	.20' to 45' Loose clay	Date wel	started 2/5/	/65	Date Co	mpleted	1/12/65	,
-	45' to 57' Loose clay		well Prilled	*************				r111
-	1 gravel	(dug, di drilled)	riven, boréd or )		(Churn other)	, drill, rotary	95	
	57' to 70' Sendy clay	Water U	se: Domestic		nicipal 🔲	Other 🗆		igation 🔲
	70' to-844 75' Send, gravel		Industrial (	<b>D</b> r.	sinage 🔲	Stock 🗀	ļ	
]_	& water		icate on the di					
<u> </u>	75° to 84° Sandy clay		et with in drilli pth at which wa					
-	}	bearing :	strata and heigh	it to which	water rise	s in the well	L	
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	+44.	7	1001	,		ŀ		
	,				į			,
-	<del></del>							
-		Sta	tic Water Level	for non-flo	wing Well.	42' from	n G.L.	feet.
-	Κ	8h	it-in Pressure f				********	********
-		- Pu	<b>⊌12</b> nping Water Le	th m top	t pump fee	t at	5 gal.	per minute.
-		Die	charge in gal. p	er min. of	flowing we	all		·
-	w	1_	w Tested Con			th of Test		
			mpasser tes marks: (Gravel					
		Re				packers, ty adwater if n		
<u> </u>		{	other a	imilar per	tinent inf	ormation, in	eluding	number of
-		_ا	acres in	rigated, if	used for ir	rigation)	**************	
-	76.4. Sec. Z T/SL B.(.)	2	***.***		***********		•	
-	Indicate location of well as place of use, if possible. Each							
<b> </b>	small square represents 10 acre		***************************************		**************			
<u> </u>	Show exact depth of bottom.		******************************		. 4	ance /, 7	*************	
· · · ·	<u> </u>					's License l	Jumber	*************
					ط	& Don	,,	mi k
					Driller	's Signature	,,	J

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

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	Approved Stack Form—State Publishing Co., Heisena, Mortana—41921
No	T 13 NR 19 W
LICATE	STATE CF MONTANA COUNTY TO STATE CF MONTANA
ADMIN	STATE OF MONTANA STRATOR OF GROUNDWATER CODE STATE OF GROUNDWATER CODE
	PPIOE OF STATE ENGINEER JAN 2 1964
Declaration	of Vested Groundwater Rights ENGINEER
	hapter 237, Montana Semion Laws, 1961)
Velerano of Foreign Waro	
1.20.4t 209 V.T.V.	, of Mex 428, Mescula, Montana
(Name of Appropriator) <b>Missoula, Montana</b>	(Address) (Town)
ounty of	State of Sta
×	Tund and day
	2. The beneficial use on which the claim is based
	3. Date or approximate date of earliest beneficial use; and how continuous the use has been
	Vias and time tiges boots
•	
	4. The amount of groundwater claimed (in miner's irches or gallons
	per minute) are 150 by 500 ft
	5. If used for irrigation, give the acreage and description of the lands
8	to which water has been applied and name of the owner thereof
14 Bec/7 T/3 R/9	
icate point of appropriation	,
place of use, if possible. Each ill square represents 10 acres.	6. The means of withdrawing such water from the ground and the loca-
	tion of each well or other means of withdrawal
•	
The date of commencement and co	empletion of the construction of the well, wells, or other works for with-
drawal of groundwater	
St de El	8
The depth of water table 50 to 35	
So far as it may be available, the	
works for the withdrawal of grounds	NBV05
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The estimated amount of groundwar	ter withdrawn each year. For trailer court and irrigating
AC 15	in the drilling of each well if available
The log of formations encountered 1	T greenel, boulders & clay, 41' to 62' Bandy clay, sales
1 4401	
Such other information of a similar	r nature as may be useful in carrying out the policy of this act, including
reference to book and page of any o	county record
	A. B. F. A. A. A.
	Viltrano & Brigorlius
	Signature of Owner Totaling B. Masses
	Date 12/3/1/4-3

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

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GW2	. 1	ا
File No	T /3 R /9	
DUPLICATE	County Missoula	
Top of Ground  (Elev. above sea level	ADMINISTRATOR OF GROUNDWATER CODE IN OFFICE OF STATE ENGINEER JUN 13 1	902
	Appropriation by Means of SWATE ENG	INEE
- 1	(Under Chapter 237, Montana Session Laws, 1961)	
O to 17' Dug hole	Owner Marcus Wolf Address 1720 Houston	•••••••
17' to 47' Sundy olay &	Driller Glenn Camp 705 Alder Address Missouls	·····
_ 47' to 60' Sand Clay &	Date of Notice of Appropriation of Groundwater Doc mil o	yply
- water	Date well started 4/24/62 Date Completed 4/26/62	
- 60' to 69' Sand & water - 69' to 80' Clay & some	Type of well Drilled Equipment Used Churn Grill (dug, driven, bored or (Churn, drill, rotary or	
- gravel	drilled) other)	
- 80' to 82' Send, gravel	Water Use: Domestic   Municipal ☐ Stock ☐ Irriga Industrial ☐ Drainage ☐ Other ☐	tion 🗀
end water	"% Indicate on the diagram the character and thickness of the di	
_	strata met with in drilling, such as soil, clay, shale, gravel, rock of etc. Show depth at which water is encountered, thickness and chara	•
-	water-bearing strata and height to which the water rises in the we	
-	Size Size and From To of Weight of (Feet) (Feet) PERFORATIONS	
		To (Feet)
_	6"I.D. seamless 6" above pit	
-	19 1b piperitor to 75-25	
-		
-		
N N	Static Water Level for non-flowing Well40. from G.L.	feet.
	Shut-in Pressure for Flowing Well Does mot apply	
	Pumping Water Level 50 feet at 60 gal. per	
	Discharge in gal, per min. of flowing well .Doro met off	cy
-	How TestedCompresser Length of Test2.hours	
	Remarks: (Gravel packing, cementing, packers, type of shutor tion of place of use of groundwater if not at well, a	and any
	other similar pertinent information, including nur	
JW14NE Sec. 17. T.13. Indicate location of we	acres irrigated, if used for irrigation)	
place of use, if possible small square represents 10	e. Each	
Show exact depth of botton	m. Licence # 7	
	Driller's License Number	,
	Driller's Signature	<b></b>
This form to be prepared by drill	ller, and three copies to be filed by the owner with the County Clerk and	Re-

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

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25 July 982 देश करत्य १५६

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	elena Independent Record	ı		12 N . a.V
•	No		'n	r 12/18
DUF	PLICATE	ST	ATE OF MONTANA	County MYSS ~
			FOR OF GROUNDWATER CODE	DECEIVED
		OFFIC	E OF STATE ENGINEER	M DEC 26 1963 ツ
	;		Vested Groundwater Rights 237, Montana Session Laws, 1961)	STATE ENGINEER
1	Wright Lumber	Company	of Box 1529	Missoula
	County of Miss	ppropriator) <b>Oula</b>	(Address)  State of Montar	(Town)
w	lows:	2. 3. 4.	The beneficial use on which the classifies protection, and general number and sawmill business Date or approximate date of earliest tinuous the use has been	aim is based Domestic.  1 use in connection with ss.  2 beneficial use; and how concember. 1952  d (in miner's inches or gallons min.  reage and description of the oblied and name of the owner
Inc an Ea ac	dicate point of appropr d place of use, if po ch small square represe res.  The date of commence	riation ssible. 6. nts 10 ment and complet	The means of withdrawing such we location of each well or other mean pump located on Lot 18 I site (not platted) in NiNi 19 W. tion of the construction of the well, v	ater from the ground and the is of withdrawal Electric.  Block B. N. P. Industresce. 17. Two. 13 N. I.  Wells, or other works for with-
8.	The depth of water ta So far as it may be ave other works for the witotal depth of 120	ble 30 feet, ailable, the type, s ithdrawal of groun feet, using	d Nov. 1, 1952 and complete approximately. ize and depth of each well or the adwater Type - Electrical jet horsepower electric pump.	general specifications of any

WRIGHT LUMBER COMPANY
Signature of Owner July

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including

The estimated amount of groundwater withdrawn each year Estimated use: 500,000 gals.

President Date December 19, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

The log of formations encountered in the drilling of each well if available ...

reference to book and page of any county record.....

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

ARABITET TO THEFA

CONTRACTOR CODE

THE PERSON OF THE PROPERTY.

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<b>√</b>	Approved Stock Form-State Publishing Co., Helena, Montana-41921
Tie No	713 N R 19 W
UPLICATE	County M 155 OUL A
ATOM	STATE OF MONTANA INISTRATOR OF GROUNDWATER CODE TO BE
ADIII.	OFFICE OF STATE ENGINEER
Dodovsta	n of Verted Groundwater Bioleta
Declarano:	n of Vested Groundwater Rights The Chapter 237, Montana Session Laws, 1961)
•	
1 HARVEY F. ('LO	ocisê , of Rt #2 M1550CICA  tor) (Address) (Town)  State of MONTANA  cording to the Montana laws in effect prior to January 1, 1962, as follows:
(Name of Appropriate M/35041A	State of MONTANA (10WI)
have appropriated groundwater acc	ording to the Montana laws in effect prior to January 1, 1962, as follows:
N	2. The beneficial use on which the claim is based ## 15 WECL
	PROVIDES DRINKING WATER FOR CATT
	3. Date or approximate date of garliest beneficial use; and how continu-
0	ous the use has been APRON 1930 AND
v	E
	4. The amount of groundwater claimed (in miner's inches or gallons
	per minute) 15°C GALLONS PER HOUR
	5. If used for irrigation, give the acreage and description of the lands
**************************************	to which water has been applied and name of the owner thereof  Not USED FOR IRRIGATION
W 4 NE Sec. 18 T/3N R 19 W	1001 K360
.R	
Indicate point of appropriation	
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.	6. The means of withdrawing such water from the ground and the loca-
Indicate point of appropriation and place of use, if possible. Each	tion of each well or other means of withdrawal. By ELECTA
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.	tion of each well or other means of withdrawal By ELECTA
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.  7. The date of commencement and	tion of each well or other means of withdrawal By ELECTA
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Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bussau of Mines and Geology, and Quadruplicate for the Appropriator.

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GM 3	<b>◆</b> '
File No	T 13N R 19W
DUPLICATE	County MISSOULA
ADMIN	STATE OF MONTANA  ISTRATOR OF GROUNDWATER CODE  JAN 3 1987
Notice of Completion	of Groundwater Appropriation Without Well Well
(Under	Chapter 237 Montana Session Laws, 1961)
	Date of Appropriation of Groundwater NOT KNOWN  Owner HARVEY F. CLOUKAddress Lt #2_ MISSOULA  Contractor (if any) NONE
	Address of Contractor
	Date Started
w — — — — — — — — — — — — — — — — — — —	Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable THIS IS A SPRING FED POND ABOUT TWO ACRES IN SIZE,  IT SUB-IRRIGATES AND IS USEP  TO IRRIGATE BY MEANS OF PUMPING THROUGH TORTABLE SPRINKLERS  Quantity of water developed and used with explanation of meth-
8	od used to measure or estimate such amount. If use is intermit-
SE 1/4 SW Sec/ 8. T(3 N R/14)	
Indicate point of appropriation and place of use, if possible.	. A. T. de to the transcript of the second of the second of the second of the second of the second of the second of
	PER YEAR DURING SUMMER MONTHS
	450,100 GALLONS PER DAY PUMPING
	75-0 GALLONS PER MINKTE

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Signature of Owner Adams

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

GW 3	7	4109.00	•	Approved	Stock Fol	Publishi	ing Co., Helena,	24og:ana4564	2
File No.	· .	-	WATER RESOUR	ICES BOARD		T	13N R	19W	10
DUPLIC	ATE	R !	ECEIV	ED		Cour	ity MIS	SOULA	<u>.</u>
	<u>-</u> -		DEC 29 19	67	STATE	OF MONT	ANA		
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-	0-11	Sendy Clay	•			FTER JAN			
-				(Under Chap	ter 237,	Montana S	 ession Law	u, 1961)	
-	11-45	Clay, gravel, water, some cl	sand ay						
上	48-84	water, seme ed	Uwner <b>£∉</b> €	iourtnoy		Addre	55 <b>A@</b> #	ıf.comg	#4464±a.
<b> </b>	45-56	Water and sand							
	56-60 <u>%</u>	Sand, gravel & Water	Date of Notic	e of appropri	iation of	groundwate	e <b>r</b>	***************	*****************
			Date well star	rtedJune1	12,19	<b>67</b> Date o	ompleted	Juna14,	1267
			Type of well.	Defila	d	Equipme	ent used <b>C</b>	huen. Def	44
			(Di	ug, driven, bore	ed or dri	lled)	(Chui	m drill, rota	ry or other)
<b> </b> _			Water use:	Domest Industri	_	Municipal [ Drainage [		ek 🔲 In her 🔲	rigation [
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┢			numbe tion).	er of acres at	nd locat	ion or other	data (i.e.:	Lot, Block	and Addi-
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This for	m to he areamed be	y driller, and three cop	ies to he filed h	y the owner w	ith the				·
County		in the county in which					r's License		
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rielse	amaner am question 1.	e. ir mo, shbincanie, s	- state, villerw	THINT SIM SON	176	Drille	r's Signatu	re. Glenn	Cemp

42,700

STATE OF MONTANA  ADMINISTRATOR OF GRONDWARTER CODE  OFFICE OF STATE ENGINEER  Declaration of Vested Groundwater Rights If Livering and the Control of Con		Approved Stock Ferral-State Pr	ublishing Co., Helena, Momena 42234 3/
STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER  Declaration of Vested Groundwater Rights IE Livering of Commencer of Mary As Figure 127, Montana Session Laws, 1961)  Eliner or Mary As Figure 127, Montana Session Laws, 1961)  (Name of Appropriator)  (Name of Mary As Figure 127, Montana Session Laws, 1961)  (Name of Mary As Figure 127, Montana Mary As Figure 127, Montana Mary As Figure 127, Montana Mary As Figure 127, Montana Mary As Figure 127, Montana Mary As Fig	Na		A
(Name of Appropriator)  (Name of Appropriator)  (Name of Appropriator)  (Rissoulla  (Name of Appropriator)  (Rissoulla  (Name of Appropriator)  (Rissoulla  (Nontara	ADMIN	NETRATOR OF GROUNDWATER CO OFFICE OF STATE ENGINEER	DE DECIF
Sitate of. ***  ***Stoclary of Hissoulia**  ***Stoclary of the Montana laws in effect prior to January 1, 1962, as follows:  ***Stoclary of the Montana laws in effect prior to January 1, 1962, as follows:  ***Stoclary of the Montana laws in effect prior to January 1, 1962, as follows:  ***Stoclary of the Montana laws in effect prior to January 1, 1962, as follows:  ***Stoclary of the Montana laws in effect prior to January 1, 1962, as follows:  ***Stoclary of the Montana laws in effect prior to January 1, 1962, as follows:  ***Stoclary of the Montana laws in effect prior to January 1, 1962, as follows:  ***Stoclary of the Montana laws in effect prior to January 1, 1962, as follows:  ***Stoclary of the Montana laws in effect prior to January 1, 1962, as follows:  ***Stoclary of the Montana laws in effect prior to January 1, 1962, as follows:  ***Stoclary of the Montana laws in effect prior to January 1, 1962, as follows:  ***Stoclary of the Montana laws in effect prior to January 1, 1962, as follows:  ***Stoclary of the Montana laws in effect prior to January 1, 1962, as follows:  ***Stoclary of the Montana laws in effect prior to January 1, 1962, as follows:  ***Stoclary of the Montana laws in effect prior to January 1, 1962, as follows:  ***Stoclary of the Montana laws in effect prior to January 1, 1962, as follows:  ***Stoclary of the Montana laws in effect prior to January 1, 1962, as follows:  ***Stoclary of the Montana laws in effect prior to January 1, 1962, as follows:  ***Stoclary of the Montana laws:  **Stoclary of the Montana laws:  **Stoclary of the Montana laws:  **Stoclary of the Montana laws:  **S	(Under (	Chapter 237, Montana Session Laws, 196	61)
State of Sta	Rimor or Mary A. Flynn	of Route # 2,	Misnoula,
2. The beneficial use on which the claim is based. Bruschold & Stockenbur.  2. The beneficial use on which the claim is based. Bruschold & Stockenbur.  3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1570  4. The amount of groundwater claimed (in miner's inches or galloss per minute—such woll per minute). 25 Gallions per minute—such woll to which water has been applied and name of the owner thereof life appropriation place of use, if possible. Each all square represents 10 acres.  6. The means of withdrawing such water from the ground and the loss tion of agach well or other means of withdrawal.  The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.  1970  The depth of water table. 45 Foot.  So far as it may be available, the type, size and depth of seath well or the general specifications of any other works for the withdrawal of groundwater withdrawn each year unknown.  The log of formations encountered in the drilling of each well if available. liot available.  Such other information of a similar nature as may be useful in carrying out the policy of this set, including reference to book and page of any county record unknown.  Signature of Owner Structure of Owner Structure of Owner Structure Owner Structu			(Town)
2. The beneficial use on which the claim is based. Household & Stockenbur.  3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1870  4. The amount of groundwater claimed (in miner's inches or gallons per minute). 25 Gallons per minute.—anch wolf per minute). 25 Gallons per minute—anch wolf to which water has been applied and name of the owner thereof liot applicable. It is used for irrigation, give the aerenge and description of the lands to which water has been applied and name of the owner thereof liot applicable. It is applicable. The means of withdrawing such water from the ground and the loss-tion of sach well of groundwater.  The date of commencement and completion of the construction of the well, wells, or other works for with thrawal of groundwater.  1970  The depth of water table. 45 Foot  So far as it may be available, the type, size and, depth of seah wall or the general specifications of any other works for the withdrawal of groundwater withdrawn each year unknown  The log of formations encountered in the drilling of each well if available liot available  Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.  Signature of Owner.  Signature of Owner.  Signature of Owner.	vanty 01	ding to the Montana laws in effect pr	ior to January 1, 1962, as follows:
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2. Date or approximate date of earliest beneficial use; and how continuous the use has been used in the use has been used in the use has been used in the use has been used in the use has been used in the use has been used in the use of the us		Stockwater	
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 25 Gallons per minute—cach well per minute) 25 Gallons per minute—cach well to which water has been applied and name of the owner thereof liot applied and name of the owner thereof liot applied of use, if possible. Each all square represents 10 acres.  6. The means of withdrawing such water from the ground and the location of asch well or other means of withdrawal.  The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.  1070  The depth of water table 45 Foot  Bo far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.  1070  The estimated amount of groundwater withdrawn each year unknown  The log of formations encountered in the drilling of each well if available liot available  Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record unknown  Signature of Owner Amount They	* *	ous the use has been 1870	***************************************
per minute)  25 Gallons per minutes—each woll  5. If used for irrigation give the acreage and description of the land to which water has been applied and name of the owner thereof licit applicable.  6. The means of withdrawing such water from the ground and the location of sach well or other means of withdrawal.  The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.  11370  The depth of water table  45 Foot  So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater individual in the general specifications of any other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record uniformation.  Signature of Owner Date.			
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to which water has been applied and name of the owner thereof liot applicable  18			<b>4 B A A A A A</b>
Not applicable   Rocal T 13 R 19		to which water has been appli	ied and name of the owner thereof
deste point of appropriation place of use, if possible. Each ill square represents 10 seres.  6. The means of withdrawing such water from the ground and the location of gash well or other means of withdrawal.  The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.  1870  The depth of water table.  45 Foot  Bo far as it may be available, the type, size and depth of gach well or the general specifications of any other works for the withdrawal of groundwater.  1-1 Filled well  The estimated amount of groundwater withdrawn each year.  The log of formations encountered in the drilling of each well if available. liot available  Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.  Signature of Owner Through Date.	M _ 18 _ 13 _ 19	liot applicable	***************************************
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The depth of water table 45 Foot  Bo far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 1-0 drilled well  The estimated amount of groundwater withdrawn each year unknown  The log of formations encountered in the drilling of each well if available liot available  Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record  Signature of Owner Throws Date		***************************************	progressors ( pp   P   1 + p + 000 00 105 P   200 00 pp   1 + 000 00 00 00 00 00 00 00 00 00 00 00
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So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 12-0" drilled woll  The estimated amount of groundwater withdrawn each year unknown  The log of formations encountered in the drilling of each well if available. llot available  Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record unknown  Signature of Owner Three Street Stree	***************************************	······································	
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The log of formations encountered in the drilling of each well if available liot available  Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record unknown  Signature of Owner Throws	***************************************		
The log of formations encountered in the drilling of each well if available liot available  Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record unknown  Signature of Owner Throws	***************************************	***************************************	***************************************
Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.  Signature of Owner  Date.	The estimated amount of groundwar	ter withdrawn each yearunkno	<b>140</b>
Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.  UNKNOWN  Signature of Owner  Date.	The log of formations encountered i	n the drilling of each well if available	Not available
Signature of Owner Date	sol as ratmemana disconnected i		
Signature of Owner Date	***************************************		
Signature of Owner Schmer Flys  Date	Such other information of a similar reference to book and page of any o	r nature as may be useful in carrying county record	out the policy of this act, including
Date		UNKNOWA	······································
Date			I change the
		Signature of Owner	- Commission of the commission
ree copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located		I	)ate
	ree copies to be filed by the owner wit	h the County Clerk and Recorder of the	e county in which the wall is located
	ase answer an questions. H not appl	icable, so state, otherwise the form will h	e returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

ACCUPACE TO DESCRIPTION

File No. DUPLICATE County. ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER Notice of Completion of Groundwater Appropriation INEER Without Well SWENNY WISW (Under Chapter 237 Montana Session Laws, 1961) LESS R/W SIL 18 713 819 1060000 NET LESS KW Date of Appropriation of Groundwater.

NET LESS KW Owner. Stalland M. Hunddre Contractor (if any) more or less Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use. 74.94.1 Indicate point of appropriation and place of use, if possible. Signature of Owner. This form to be prepared by contractor (if any), otherwise by the owner. Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located. Please answer all questions. If not applicable, so state, otherwise the form will be returned. Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

992 N5466

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This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Driller's Signature

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

4—Helena Independent Record	<b>→</b> 18
File No	13 N <sub>R</sub> 19 2 18
TRIPLICATE  STATE OF MONTANA  ADMINISTRATOR OF GROUNDWATER CODE  OFFICE OF STATE ENGINEER  Declaration of Vested Groundwater Rights	DECEIVED DEC S 1963
(Under Chapter 237, Montana Session Laws, 1961)	STATE ENGINEER
1. Rewnell Ma No County of Alpropriator) (Address)  County of Manual a State of Manual have appropriated groundwater according to the Montana laws in effect prilows:	(Town)  (Town)  for to January 1, 1962, as fol-
2. The beneficial use on which the class of the second state of earliest tinuous the use has been Earliest tinuous the use has been and the Earliest tinuous the use has been and the Earliest tinuous the use has been and the Earliest tinuous the use has been and the Earliest tinuous the use has been and the Earliest tinuous the use has been and the Earliest tinuous the use has been and the Earliest tinuous tinuous tinuous tinuous tinuous tinuous	the beneficial use; and how con- the land of the line of the owner  attributed the land of the owner  And the land name of the owner  And the land of
7. The date of commencement and completion of the construction of the well, we drawal of groundwater BCG completion of the construction of the well, we draw of groundwater BCG completion of the construction of the well, we draw the construction of the well, we draw the construction of the well, we draw the construction of the well, we draw the construction of the well, we draw the construction of the well, we draw the construction of the well, we draw the construction of the well, we draw the construction of the well, we draw the construction of the well, we draw the construction of the well, we draw the construction of the well, we draw the construction of the well, we draw the construction of the well, we draw the construction of the well, we draw the construction of the well, we draw the construction of the well, we draw the construction of the well, we draw the construction of the well, we draw the construction of the well, we describe the construction of the construction of the well, we describe the construction of the constr	vells, or other works for with-
8. The depth of water table If fill 56.	general specifications of any
10. The estimated amount of groundwater withdrawn each year 60.6,06  11. The log of formations encountered in the drilling of each well if available the formation of the format	They want as maller
12. Such other information of a similar nature as may be useful in carrying out reference to book and page of any county record. It is a standard of the stand	Elen J. McCullock innech 74. 71 Cullock
	nor,29,1963
Three copies to be filed by the owner with the County Clerk and Recorder of the	ne county in which the well is

located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

GW#		,	A C
File No		T 13N R	19W
DUPLICATE		County. Miss	ouls
	ADMINISTRAT	ate of montana for of ground which of state engineer	RECODE
Top of Ground	•	' 1111	. 11
(Elev. above sea level 3,150		ompletion of Ground tion by MeaskaffW	eu.
6/13 Dirt & gravel, water	(Under Chapter	237, Montana Session La	ETAGINEER ws, 1961)
13/29 Sand & gravel	Owner City of Missoula	Address Missen	ila, Montana
<b>├</b> 【	Driller Liberty Drilling	Co. Address Misson	ila, Montana
29/36 Gravel with some clay mixed in	Date of Notice of Appropria		
36/39 Silt, sand & gravel seeps weter	Date well started 6-23-6		
_ 39/44 Gravel mixed in clay	Type of well	(Churn, drill, ro	
44/55 Gravel & cobbles imbedded in clay	drilled)  Water Use: Domestic □	other)  Municipal   Stock	_
53/61 Cearse send &	Industrial 🔼	Drainage  Other	
gravel, water	"Indicate on the diagram strata met with in drilling,		
61/65 Very coarse gravel, little sand, clean	etc. Show depth at which we water-bearing strata and he	ater is encountered, thick	ness and character of
65/60 Ten to house older	of Weight of (F	rom To eet) (Feet) 1	PERFORATIONS
	Prilied Casing Hole	Kind Size	From To (Feet)
69/78½ Sand & gravel, water	8" 825/8" OD 4	7919" N	ONIE
~~			
- 1			<u>,                                      </u>
-	7	r non-flowing Well	
	Shut-in Pressure for F	lowing Well Ken-flow	ang
	Pumping Water Level.	41 feet at 280	gai, per minute.
	Discharge in gal, per n	nin. of flowing well	-flowing
<u> </u>	How TestedAirlift	PWFP Length of Test	6 bours
┠─ <b>┃</b> ┃ <del>─┤</del> ─┼─┼─┼─┼─		king, cementing, packers,	
		e of use of groundwater is ar pertinent information,	
	acres irrigat	ted, if used for irrigation)	all water
NN4.8E. Sec18. T.13N R1	DN hagernen	oits for a	
Indicate location of well as place of use, if possible. Ea	ch seware	Lorotment z	
small square represents 10 acre	ts,	i reig z Zoù	
Show exact depth of bottom.	LM&LM.X.LT.J.		32
Bottom 79*9*		Driller's Licens	
DOCEMBE 13.3		Driller's Signat	J. Whone
		Driller's Signat	-

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Juplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

I received and illed this retrument for recept on the 3 day of the 1960 of the 1960 of Nissoula County, State of Montage Witness my hoad MARTIN S. BRINER, Course Recorder By Price S. P. Poid

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Contract Contract

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GW 2	,			Approved	Stock Form-	-State Publish	ing Co., Helens	Montanu-422	
File No.								_	" \\[ \]
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DUPLIC	DATE						nty_lis	ioula If mir i	
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-	(Elev. abov	Approx.	\ Not	ice of C	omple	etion o	of Grou	JUN 1 6	1965
H	Pormatio		,	Appropri	ation	by M	AT2nen	TWIN	CINEED
-	1 - 8	Dirt, glass,	_				WARY 1,		aiii LL
-		cinders & grav	rel.	(Under Chap	ter 237, 1	Montana S	Session Lav	ra, 1961)	
-	8 - 18	Sand & gravel mixed in tan	Má sa	soula Cou	ints Hi	ımana S	inciaty	Mason	la. Nont
-		silty clay.	Owner	soula Cou		Addr	88	***************************************	
<b> -</b>	18 - 37	Sand & gravel mixed in tan	Driller.L.1b	ortyDril	ling	o.Addr	ss. Mias	ula, M	ontana
<b> -</b>	ſ	clay. First	Date of Noti	ce of appropr	iation of	groundwa	ater.None.	مدلئكه.	d
<b> </b>	37 - 41	water. Gravel imbed-		rted_7/30/					
-	]	ed in tan sil	ty well sta	1 1011	YB		compieteu		*******************************
-	41 - 51	clay. Fine silty	Type of wel (Dug, Drive	1Drilled n, bored or dril	L lled)		ent used! n drill, rotar		0.01a
-	ļ	sand. Second	Water use:	Domestic		icipal 🔲		k 🔲 Irrie	ration 🍱
Γ	51 - 56	Gravel mixed	Tmdlasta	Industrial on the diagra	_	ainage []	Othe	_	
	ł	in tan silt. Some dirty	met with in	drilling, such	as soil, c	lay, shale	, gravel, ro	ek or sand,	etc. Show
		water.		ch water is en eight to which				acter of wa	ter-bearing
	56 - 59	Tan clay with	Bles of	Size and	Prom	To	1 ,	ERFORATION	
		gravels imbed		Weight of Casing	(Foot)	(Post)	Kind	Free	To
L	59 - 64	Silty sand mi: in tan clay.	Kea	ł	(		- The	(Feet)	(Fest)
<u> </u>	64 - 68	Fine sand and gravel. Third	6"	6 5/8 01			1	į	1
<b> </b>		water strata.		x / incl	+1'	70.	N	ONE	}
<b>-</b>	68 - 70	Clean coarse sund and grav	e1 .		į			Ì	1
-	3	Water.			<u> </u>				
-	Į			N	S	tutic Wat	ter Level	for non-fle	owing well
-									feet.
	İ				- (				Non-f
<b> </b>	Motor :	rises in well			i				feet
<b> </b>		t from surface	<b>*</b>		٦ * n		gal in gal. ner	-	owing well
<b> </b>					~	TACTOR BO	or San bor		floring
<b> </b>					В	low Tested	<b></b>	154	<b></b>
			<u> </u>		رت لنخب	ength of	FestThr.o	ehours	_ 
				-					nting, pack-
	ł			.18. T13N	1L917	nterin	g well	through	tersore
	I		place of use	ation of well, if possible.	Each b	ottom	of six	inch c	ising.
	1		small squar acres.	re represent	• 40 ···				
	ł		**************	********************	i+**************	**********	***************	.,	*************
	i		******************				-		everse side)
L	ļ		USE—If us numb	ed for irriga er of acres an	tion, indi	ustrial, di n or other	ainage or	other. Ex	plain, state and Addi-
_	}		tion).				·		
1	]		South	-194 <b>-0£</b> 1		-1054.0	)£4Ho1	-th592	.042t

Show exact depth of bottom.

Bottom of hole 70'

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number

Calone

Driller's Signature

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## DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

## ADMINISTRATOR OF GROUNDWATER CODE MONTANA WATER RESOURCES BOARD E CETTED

## NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL 9 1971

STATE OF MONTANA

Missoula, Montana LICENSE NO...185

Developed after January 1, 1962 (Under Chapter 237 Montena Session Laws, 1961, as amended) Top of Ground (Elev. above sea level) This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is !ocated, last copy to be retained by driller. To (Feet) Topsoil Please answer all questions. If not applicable, so state, otherwise the form may be returned. bra-levary-,bra? Statio mater level 28 Owner .. John .. Roberts ...... For Administrator's Use Gugust 14, 1971 28 Sand, gravel, ealy and Address ..Rt...2, .. Mullan Road 3:02 Pm <u>مد</u> Sand-and-olar. ...... Missoula, Montana Sand, - clay-and-water completed ...<u>Augu....14,...1971</u> Sand,-gravel,-water Water Use: Domestic 💽 Municipal 🗌 Stock 🗀 Irrigation 🗍 industrial Drainage Other \* Garden/Lewn \* \*Describe ...... USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block ESTIMATED ANNUAL WITHDRAWAL .2,500,000 ...... PERFORATIONS From (Feet) (Feet) KH 6" 17# 1 up 69 Static water level ...... .28. Pumping water level ....32.....ft.\* at ..................gailons per minute, measured .120 linutes after pumping began. \*Measured from ground level. Well developed by Compressor for ...... 54 ......hours. Fower..... Pump. Remarks: (Gravel packing, cementing, packers, type of shutoff) ...... 5 F 14 N E 14 Sec 18 1. 13 NR 19 INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Challes HALLATRINA. Driller's Address ....C.X.C...Drilling, Box. 670, ....

\_\_\_\_\_Show exact depth of bottom